

set the operation mode, wherein the control unit uses a predetermined program stored in the storage unit to display the operation mode setting window on the display unit.

4. The portable wireless display device as claimed in claim 3, wherein the operation mode setting window is an On-Screen Display (OSD).

5 5. The portable wireless display device as claimed in claim 1, wherein the input unit is at least one of an operation panel having plural keys, a keyboard, a mouse, and a touch panel.

6. An operation mode setting method for a portable wireless display device docked/undocked with a docking station and capable of performing mutual 10 communications with a host, comprising steps of:

inputting a setting command for setting an operation mode of the portable wireless display device in a state that the portable wireless display device docks with the docking station;

setting the operation mode corresponding to the setting command; and 15 storing the set operation mode.

7. The operation mode setting method as claimed in claim 6, wherein the operation mode includes a monitor mode for performing wired communications with the host, and a wireless monitor mode for performing wireless communications with the host.

20 8. The operation mode setting method as claimed in claim 6, further comprising a step of externally displaying an operation mode setting window to set the operation

mode, wherein the input step inputs the setting command based on the operation mode setting window.

9. The operation mode setting method as claimed in claim 8, wherein the operation mode setting window is an On-Screen Display (OSD).

5 10. The operation mode setting method as claimed in claim 6, wherein the input step inputs the setting command in use of at least one of an operation panel having plural keys, a keyboard, a mouse, and a touch panel.

11. An operation method for a portable wireless display device docked/undocked with a docking station and capable of performing mutual 10 communications with a host, comprising steps of:

setting an operation mode of the portable wireless display device in a state that the portable wireless display device docks with the docking station;

storing the set operation mode; and

15 controlling the operations of the portable wireless display device in correspondence with the set operation mode.

12. The operation method as claimed in claim 11, wherein the operation mode in the setting step includes a monitor mode for performing wired communications with the host, and a wireless monitor mode for performing wireless communications with the host.

20 13. The operation method as claimed in claim 11, wherein, if the monitor mode is set in the setting step, the control step controls the portable wireless display device to perform wired communications with the host.

14. The operation method as claimed in claim 11, wherein, if the wireless monitor mode is set in the setting step, the control step controls the portable wireless display device to perform wireless communications with the host.

15. The operation method as claimed in claim 11, wherein the operation mode 5 in the setting step further includes a display mode for displaying a mode switchover display window.

16. The operation method as claimed in claim 15, further comprising steps of, if the display mode is set in the setting step,

10 checking whether the portable wireless display device docks with the docking station; and

displaying the mode switchover display window if the portable wireless display device docks with the docking station.

17. The operation method as claimed in claim 15, wherein the mode switchover display window is an On-Screen Display (OSD).

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